

ABSTRACT

A process for producing polycarbonate designed to improve the quality of polycarbonate as a polymerization product polymer and reduce the investment and operating costs is provided.

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Polycarbonate is produced in two horizontal cylindrical agitation reactors provided with agitation blades successively extended through the vessel and partly with agitation blades having a screw function, as horizontally ganged together in series without any agitator center shaft, where the primary agitation reactor is a uniaxial horizontal agitation reactor with the agitation blades rotating at a low speed ranging from 1 rpm to 10 rpm, while keeping a clearance between the inner wall of the vessel and the agitation blades in a range of 1 mm to 50 mm, and the secondary agitation reactor is a biaxial horizontal agitation reactor with agitation blades provided horizontally and in parallel, without any rotating center shaft, which conducts treatment by agitation at a low speed ranging from 1 rpm to 15 rpm.